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February 5th.

Mr. LEA, President, in the Chair.

Thirty-one members present.

The following papers were presented for publication :

"Synonymy of the Cyclades, &c. No. 2. By Temple Prime."

"Synopsis of the Subfamily Clupinæ, with descriptions of new genera, by Theodore Gill."

"Descriptions of twenty-five new species of Unionidæ from Georgia, Alabama, Mississippi, Tennessee and Florida, by Isaac Lea."

And were referred to committees.

February 12th.

Mr. LEA, President, in the Chair.

Forty-five members present.

The following papers were presented for publication :

"Descriptions of new recent shells from the coast of South Carolina, by Edmund Ravenel."

"Synopsis of the Subfamily Percinæ, by Theodore Gill."

"Synopsis generum Rhyptici et affinium, by Theodore Gill."

"Description of a new species of Neritina, from Coosa river, Alabama, by Isaac Lea."

"Descriptions of two new species of Anodonta, from Arctic America, by Isaac Lea."

And were referred to committees.

Dr. LeConte stated in regard to the species of *Anableps*, described in the Proceedings of last month, by Mr. Gill, as *A. Dowii*, that he had seen it in great abundance, not only in the bay of La Union, San Salvador, but in all the streams emptying into the Gulf of Fonseca, and also in the small tributaries of the Rio Lempa, as far as the town of Virtud, a great distance from the ocean. The method of swimming is very peculiar; the fishes are seen in groups on the surface of the water, with their eyes projecting; they are easily alarmed, and very active. They are known to the natives under the name *cuatro-ojos*, in allusion to the transverse black band which divides the iris.

Mr. Gabb remarked that he had recently had an opportunity of conversing with Messrs. Meek and Hayden in regard to the Geological formations of the far West, and of examining the fossils brought by the numerous Government expeditions from that region. He said, "I have seen both the *Gryphæa calceola* and the *Ostrea Marshii*," referred to by Prof. Marcou, in his letter, read to the Academy on December 11th, of last year.

"Prof. Marcou was laboring under a false impression in regard to those species, and thus misled me. The form referred to by Messrs. Meek and Englemann as *G. calceola*, is that figured by Quenstedt on pl. 48, figs. 2, 3 and 4, and called by Roemer *Ostrea calceola*. The form illustrated by fig. 1 of the same plate has never been found. It is even doubtful whether the Western 1861.]